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| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/785,768 | WELIN, ANDREW M. | |
| | Examiner | Art Unit | |
| | Thien D. Tran | 2665 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 05/24/2005.
2. ☒ The allowed claim(s) is/are 1-3, 5-29, 35, 30-34, 36-38, 81 renumbered as 1-38 respectively.
3. ☒ The drawings filed on 16 February 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date <u>03/19/2001</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Larry Bassuk on 05/24/2005.

The application has been amended as follows:

Claim 1, line 5 after "interval;" delete ---and---

Claim 1, line 8, after "interval" insert ---;

C. temporarily storing on a link list information about the packets including the respective deadline intervals;

D. storing real-time information contained in the packets in a separate storage area; and

E. also temporarily storing on the link list respective pointers associated with the respective deadline intervals, the pointers pointing to the real-time information in the separate storage area from the respective packets---

Claim 4 (cancelled).

Claim 30, line 3, "chanesl" has been changed to ---channels---

Claim 30 line 7, after "reserves;" delete ---and---

Claim 30 line 10, after "reserves" insert ---;

Art Unit: 2665

C. temporarily storing on a link list information about the packets including the respective deadline intervals;

D. storing real-time information contained in the packets in a separate storage area; and

E. also temporarily storing on the link list respective pointers associated with the respective deadline intervals, the pointers pointing to the real-time information in the separate storage area from the respective packets---.

Claim 81, line 9, after "interval" insert ---, the instructions providing for:

i. temporarily storing on a link list information about the packets including the respective deadline intervals;

ii. storing real-time information contained in the packets in a separate storage area; and

iii. also temporarily storing on the link list respective pointers associated with the respective deadline intervals, the pointers pointing to the real-time information in the separate storage area from the respective packets---.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 30, 81, the prior arts fail to teach or fairly suggest a method of processing first and second received packets of real-time information of a single chip integrated circuit, comprising the steps of:

temporarily storing on a link list information about the packets including respective deadline intervals;

storing real-time information contained in the packets in a separate storage area;
and

also temporarily storing on the link list respective pointers associated with the respective deadline intervals, the pointers pointing to the real-time information in the separate storage area from the respective packets, in combination with other limitations as specified in the independent claims 1, 30, 81.

Conclusion

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thien Tran whose telephone number is (571) 272-3156. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155. Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

4. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

Application/Control Number: 09/785,768

Page 5

Art Unit: 2665

you have any questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197.

Patent Examiner

Thien Tran

DUCHO
PRIMARY EXAMINER

A handwritten signature in cursive script, appearing to read "Duchito".

5-27-05